

domain: all real numbers,
range: $y > 0$

46. $f(g(x)) = 5\left(\frac{x+2}{5}\right) - 2 = x$, $g(f(x)) = \frac{5x-2+2}{5} = x$

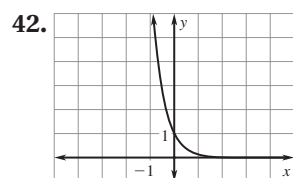
47. $f(g(x)) - 3\left(\frac{10-x}{3}\right) + 10 = x$, $g(f(x)) = \frac{10 - (-3x + 10)}{3}$

$= x$ 48. $f(g(x)) = 4\left(\left(\frac{x+7}{4}\right)^{1/3}\right)^3 - 7 = x$, $g(f(x)) =$

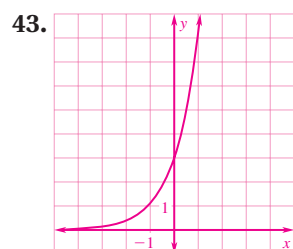
$\left(\frac{(4x^3 - 7) + 7}{4}\right)^{1/3} = x$ 49. $f(g(x)) = \frac{(\sqrt[5]{12x-7})^5 + 7}{12} = x$,

$g(f(x)) = \sqrt[5]{12\left(\frac{x^5+7}{12}\right) - 7} = x$

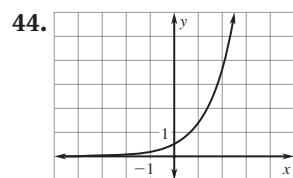
7.3 Skill Practice (pp. 495–496)



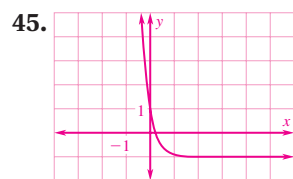
domain: all real numbers,
range: $y > 0$



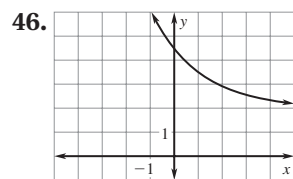
domain: all real numbers,
range: $y > 0$



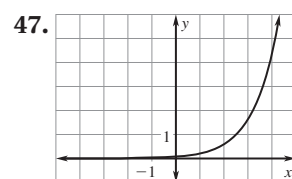
domain: all real numbers,
range: $y > 0$



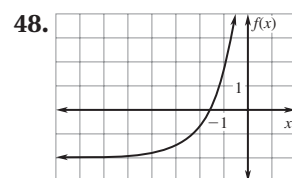
domain: all real numbers,
range: $y > -1$



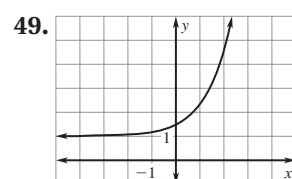
domain: all real numbers,
range: $y > 2$



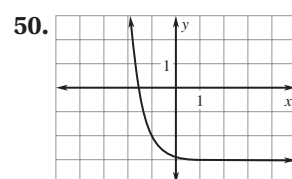
domain: all real numbers,
range: $y > 0$



domain: all real numbers,
range: $y > -2$

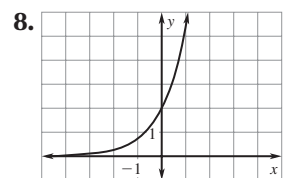
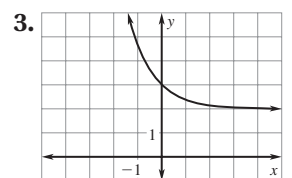
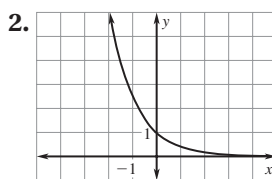
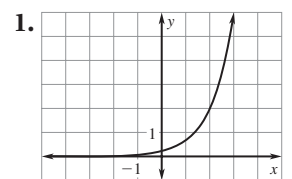


domain: all real numbers,
range: $y > 1$

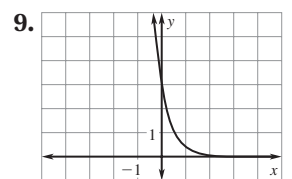


domain: all real numbers,
range: $y > -3$

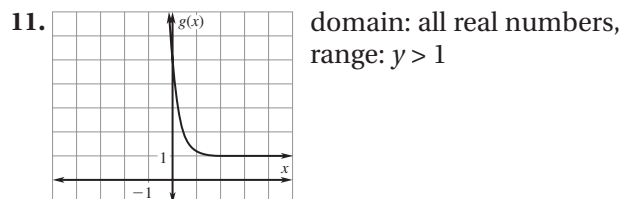
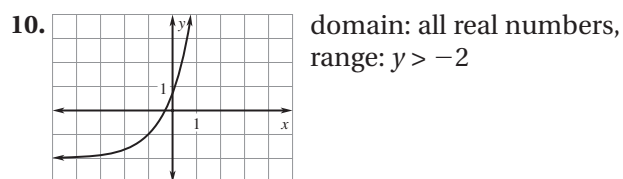
Quiz for Lessons 7.1–7.3 (p. 498)



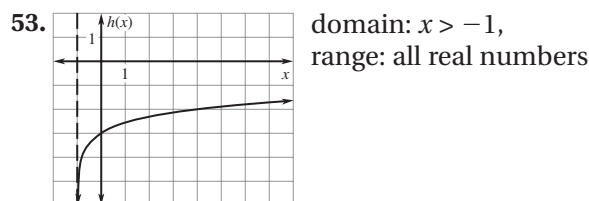
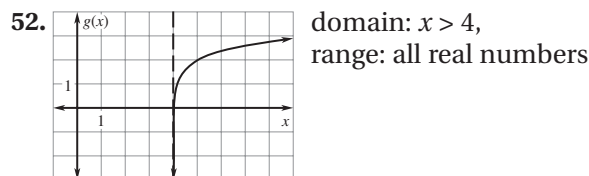
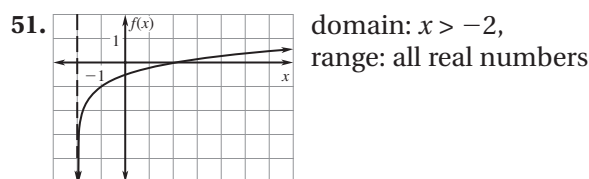
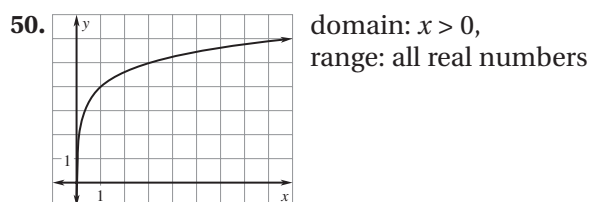
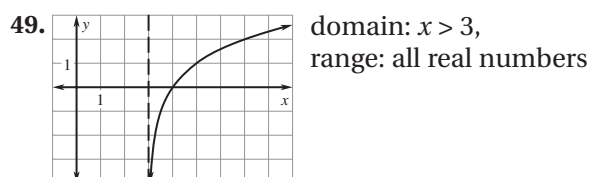
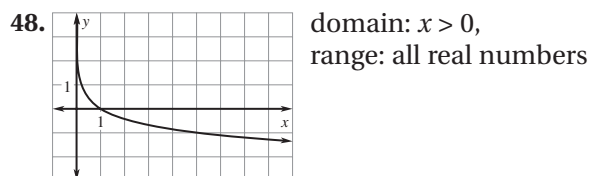
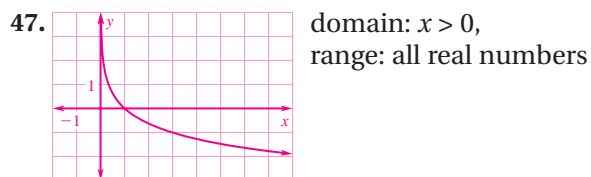
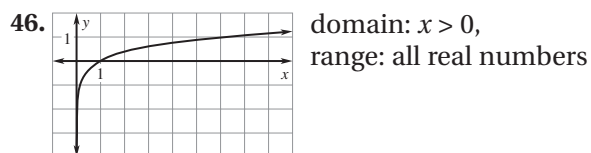
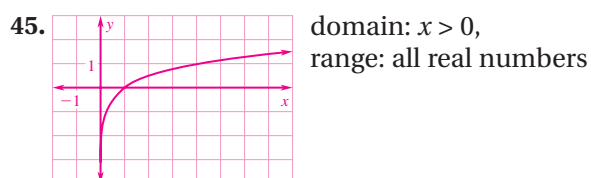
domain: all real numbers,
range: $y > 0$



domain: all real numbers,
range: $y > 0$



7.4 Skill Practice (pp. 503–504)



7.5 Graphing Calculator Activity (p. 514)

